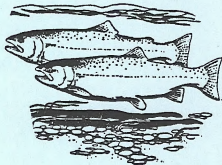




FISHERIES HABITAT MANAGEMENT ON THE PUBLIC LANDS OF CALIFORNIA:

A 5-Year Program For Fiscal
Year 1984-1988



US Department of Interior
Bureau of Land Management
California State Office



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State of California
Resources Agency
Department of Fish & Game







United States Department of the Interior

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BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240

October 5, 1983

Information Memorandum No. 84-6
Expires 9/30/84

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Library
Bldg. 50, Denver Federal Center
Denver, CO 80225

To: State Directors (Except California)

From: Director

Subject: California Fisheries Habitat Management Plan

Enclosed for your information is a copy of California's 5-year fisheries habitat management plan.

We believe it is an excellent example of a cooperative effort between a State fish and wildlife agency and BLM for long-range planning.

If you have questions regarding the plan, please call Gary Gebhardt (FTS 653-9202) in the Washington Office Division of Wildlife.

Chief, Division of Wildlife

1 Enclosure (to addressees only):

Encl. 1 - Fisheries Habitat Management on the Public Lands of California (11 pp.)

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Enclosure -- Info. memo. 84-6
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FISHERIES HABITAT MANAGEMENT ON THE
PUBLIC LANDS OF CALIFORNIA

A FIVE-YEAR PROGRAM FOR
FISCAL YEARS 1984-1988

Prepared Jointly By

U.S. Department of Interior
Bureau of Land Management

Bureau of Land Management
Library
Bldg. 50, Denver Federal Center
Denver, CO 80225

And

State of California
Department of Fish and Game

1983

Concurrence

This five-year program has been reviewed and approved for implementation.

Ed Hastey
Ed Hastey, State Director
Bureau of Land Management

E.G. Fullerton
E.G. Fullerton, Director
California Dept. of Fish and Game



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I. INTRODUCTION

A review of Statewide fisheries habitat statistics shows that there are 818 miles of perennial streams, 2,538 miles of intermittent streams (some important spawning habitat), and over 20,000 surface acres of lakes, reservoirs and ponds on public lands administered by the Bureau of Land Management (BLM) in California. The State and BLM share a joint role in the perpetuation and wise utilization of these habitats and their fishery resources. Many species have had their habitat restricted by urban and agricultural development and are now largely dependent upon public land.

The Sikes Act (Public Law 93-452 of October 18, 1974) authorizes the joint development of cooperative programs for fish and wildlife by State and Federal agencies on public lands. Although to date no funds have been appropriated under the Act, it provides the necessary mechanism for cooperative efforts. Projects must be the result of joint planning between the BLM and appropriate State agency with fish and wildlife jurisdiction.

This five-year program envisions coordinated State and Federal efforts at fishery resource management in California. Its purpose is to provide a set of goals and objectives for fisheries habitat management on public lands in California, mutually agreed upon by BLM and CDFG.

Therefore, this program represents more a course of action rather than a specific plan.

However, it is hoped that the program presented here represents a joint effort between the State and the BLM that will improve and sustain fisheries habitat on public lands in California.

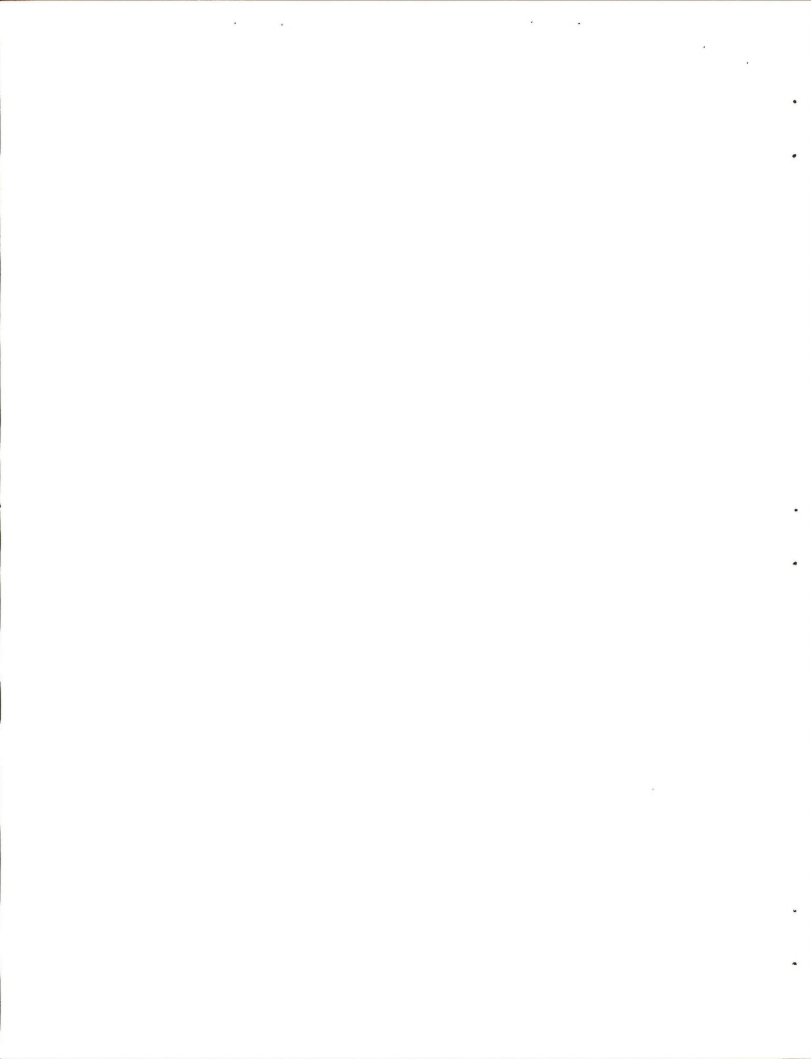
II. GOALS AND OBJECTIVES

A. Goals

The primary goal of this program is to maintain, to the extent possible, a wide variety of fish species and their habitats on public lands in California yet be compatible with other resource uses.

The specific goals of the program are:

1. To carry out a joint program between the California Department of Fish and Game (CDFG) and the Bureau of Land Management for the improvement and/or maintenance of fisheries habitat on public lands.
2. To develop a balanced program of fisheries habitat improvement both Statewide and within each BLM District and CDFG Region.



B. Objectives

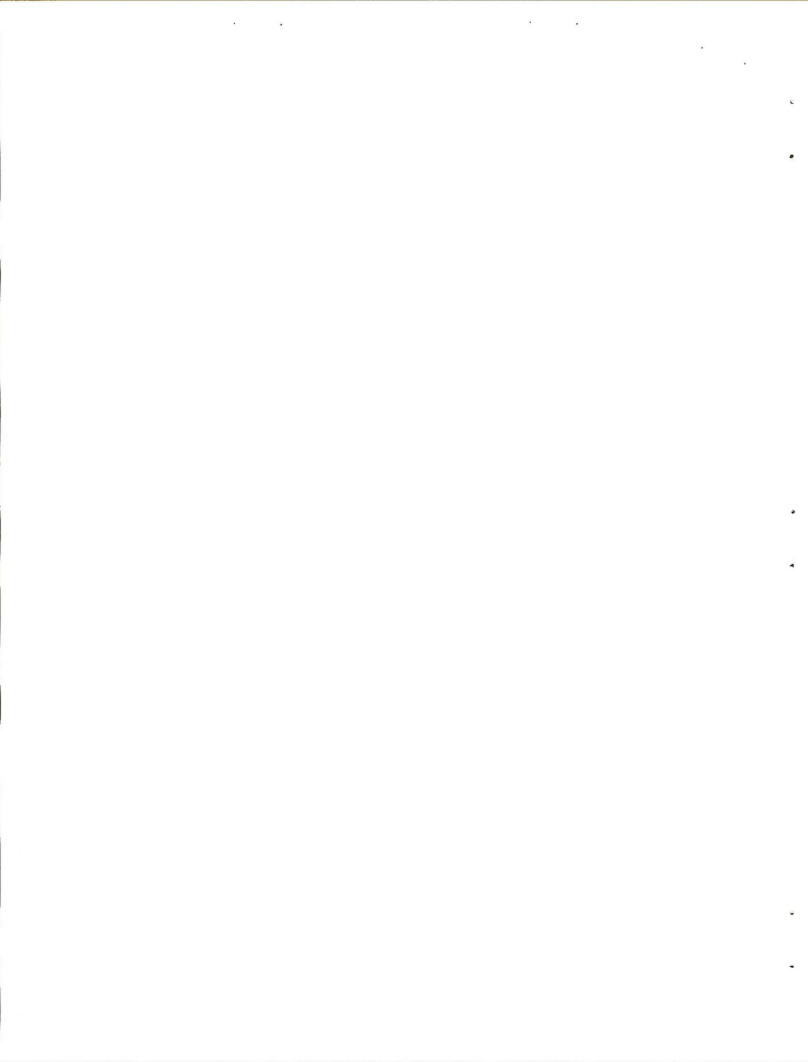
The major objectives of this program are:

1. To establish a system for utilizing, on a cooperative basis, State and BLM funds for annual implementation of fisheries habitat improvement and/or maintenance projects on public lands in California.
2. To jointly develop a list of priority projects for fisheries habitat management on public lands.
3. To jointly develop Annual Work Plans for implementing the use of CDFG and BLM funds for the aforementioned purposes on public lands in California.
4. Through implementation of selected projects (within the limits of available funding) improve 45 miles of salmon and steelhead habitat and 30 miles of trout habitat on public lands.
5. Through development of Sikes Act Aquatic Habitat Management Plans (AHMPs) bring 15 miles of desert fishes habitat, 35 miles of salmon and steelhead habitat, and 20 miles of resident trout habitat under cooperative management.
6. Improve capability for habitat protection through improved quality and availability of fishery resource data.

III. PLANNED ACTIONS

In order to accomplish the stated goals and objectives of this program, the following actions are planned:

- A. Complete a Statewide five-year habitat management program in cooperation with the State Department of Fish and Game (Objective 1).
- B. Annually develop a list of priority projects for implementation as funding is available (Objective 2).
- C. Conduct annual program coordination meetings between the BLM Deputy State Director, Resources and CDFG Anadromous Fisheries and Inland Fisheries Branch Chiefs. These meetings will be for the purpose of reviewing program accomplishments and establishing Statewide program priorities for Annual Work Plan development (Objective 3).
- D. Complete implementation of four Sikes Act AHMPs and other priority fisheries habitat improvement through completion of 25 improvement projects (Objective 4).
- E. Develop Sikes Act AHMPs on two desert fish habitats, seven salmon and steelhead streams and two resident trout streams (Objective 5).



- F. Develop an automated fisheries habitat management information system to facilitate land management decisions and improve fisheries habitat management (Objective 6).
- G. Develop a set of fishery habitat criteria specific to small hydro project development, range management, timber management, and oil and gas development (Objective 6).

IV. FUNDING SOURCES

Several attempts have been made at the State level to develop funding sources on a cooperative basis for fish and wildlife habitat improvement on public lands. Three possible State sources of funding are:

A. Energy and Resources Fund (ERF)

Under the Energy Resource Funds Act of 1980, funds originate from oil royalties obtained by the State and utilized for various conservation purposes. Between \$1-2 million per year has been proposed for use in fish and wildlife habitat improvement on Federal lands in California. However, it is subject to annual appropriation and approval by the Governor and the Legislature.

B. State Fish and Game Preservation Funds

These are the funds derived primarily from fishing and hunting license fees and are the main support for the CDFG program. They may be used on public land projects.

C. Other Legislative Funds

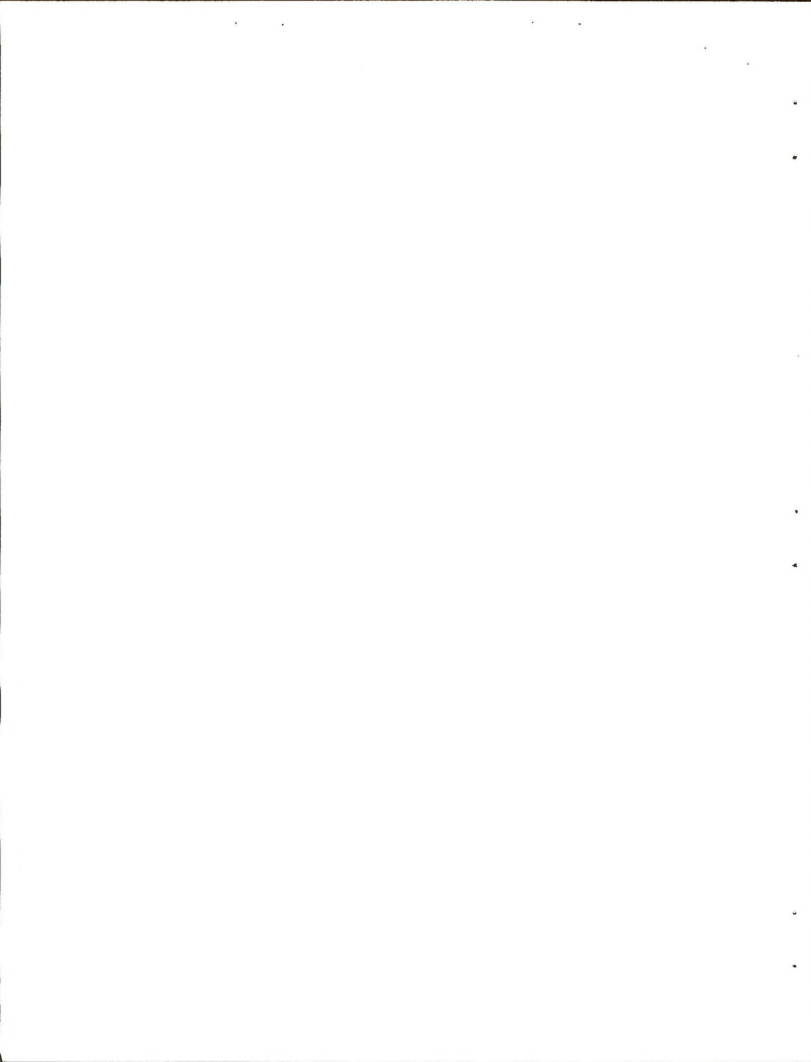
This potential source is from various special appropriations for fish and wildlife purposes from the State Legislature.

It is emphasized that all State funding is dependent upon annual approval of the necessary appropriations. It is hoped that through cooperative State and Federal funding the needed program of fish habitat improvement on public lands can be accelerated for mutual benefits.

Three possible sources exist for obtaining Federal funding for fish and wildlife purposes; they are:

1. Normal Budget Appropriations

The BLM budget is prepared annually and submitted by the President to Congress for approval. The principal portion utilized for fish and wildlife purposes is within the management of lands and resources (MLR) appropriation.



2. Congressional Funding

Various Acts of Congress may periodically provide funding which includes fish and wildlife habitat improvement.

3. Other Sources

These include donation, county fine money, mitigation funds from other projects, etc.

V. PROGRAM IMPLEMENTATION

Concurrence and approval of this program by the Director of CDFG and the State Director of the BLM will formally launch the program. Annual Work Plans will then be prepared using selected priority projects in order to achieve stated goals.

Each Region, (the major administrative unit of the State Department of Fish and Game) and each BLM District will have copies of the five-year program.

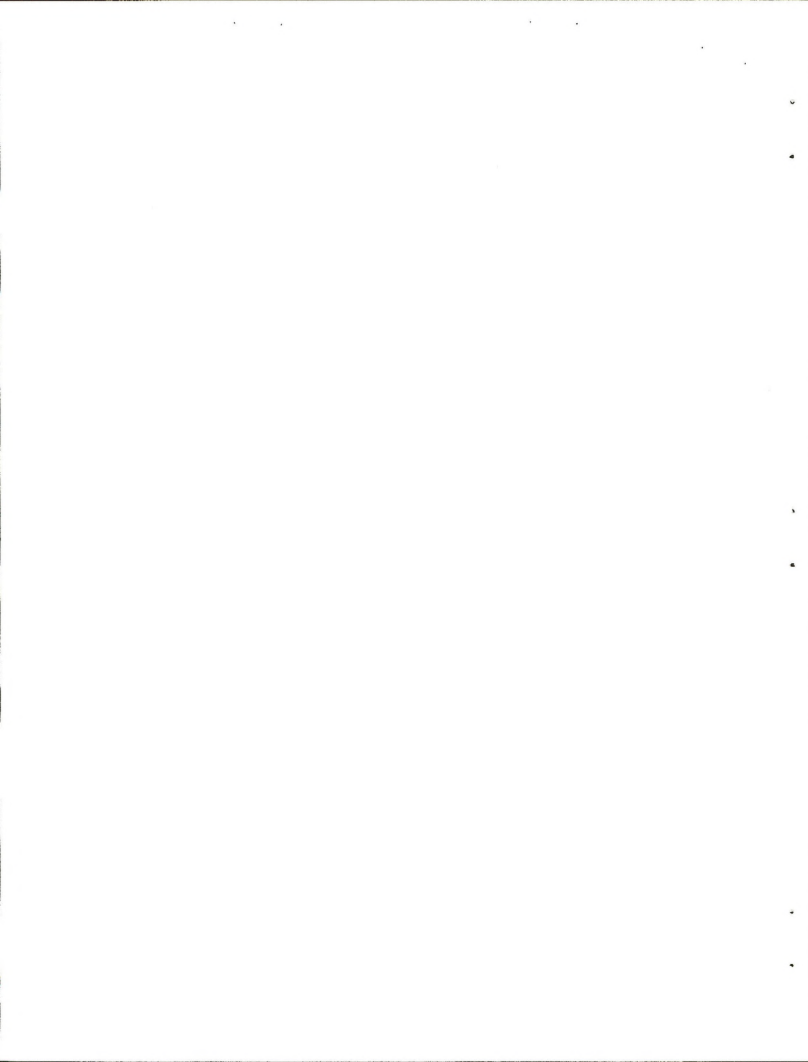
It is anticipated that this report will become the key working tool for use of both State and Federal fish and wildlife biologists and administrators in planning fisheries programs on the public lands of California. From it will be developed the following key documents for fisheries habitat management purposes:

1. Joint five-year projections of proposed activities and funding.
2. Program plans and budgets for future years.
3. Annual Work Plans and budgets with targeted outputs.
4. Preparation of joint Annual Accomplishment Reports.
5. Development of monitoring plans to measure effectiveness of projects.

Emphasis will be placed upon establishing a balanced program of fisheries habitat management at the Regional/District and Statewide levels. In addition, individuals at all levels in both agencies should be fully aware of the established policy relative to the priorities to be used in the development and selection of projects.

Priorities for various categories of projects will be jointly reviewed and developed annually by the Director of the CDFG and the State Director of the BLM. Priorities for development of projects for the current initial report have been established as follows:

- A. Threatened, endangered, rare, and sensitive species (both State and federally listed species).



- B. Anadromous species.
- C. Resident coldwater and warmwater game fish.
- D. Non-game fishes and other aquatic species (i.e., amphibians, invertebrates, etc.).
- E. General/Statewide program projects.

VI. EVALUATION AND MONITORING

This five-year program will be reviewed annually by BLM and CDFG State Office Biologists to determine progress on implementation of selected projects and a report submitted to the State Director, BLM and the Director, CDFG. The report will include the following:

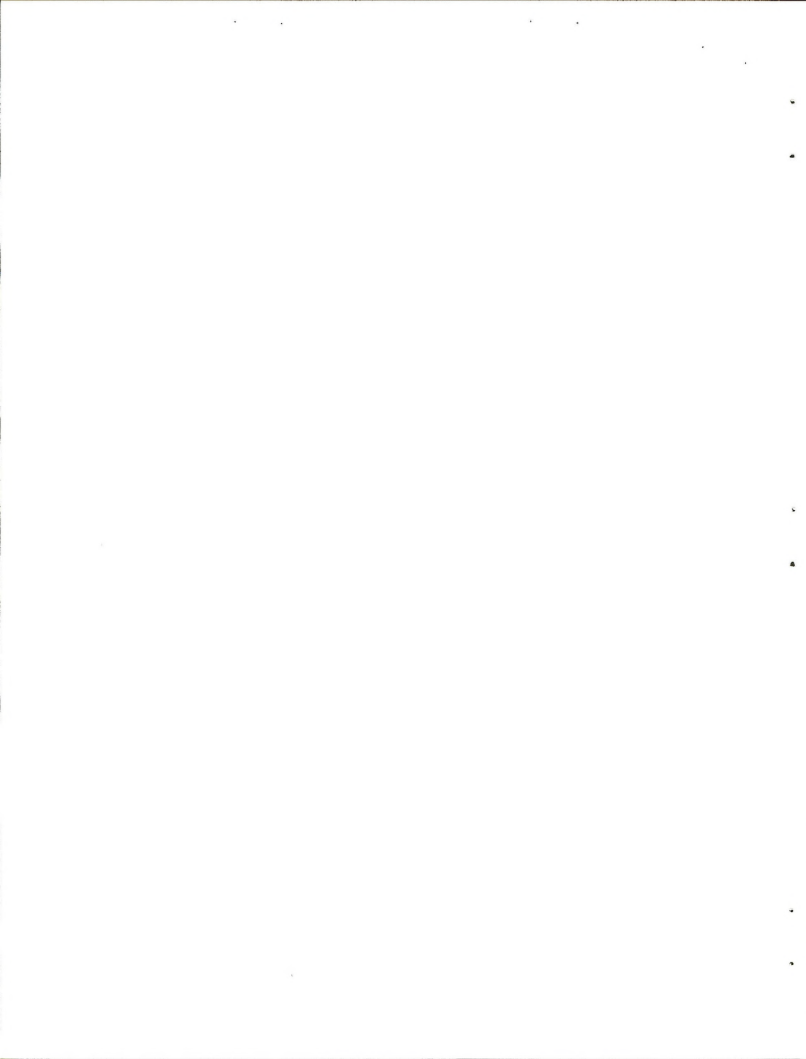
- A. Progress made on implementing the program.
- B. Recommended program objectives and planned actions for the succeeding five-year period.

With the concurrence of the State Director, BLM, and the Director, CDFG, subsequent five-year programs will be adopted and implemented as funding becomes available.

An important phase of this program will be follow-up monitoring to determine annually if the objectives of the program are being met.

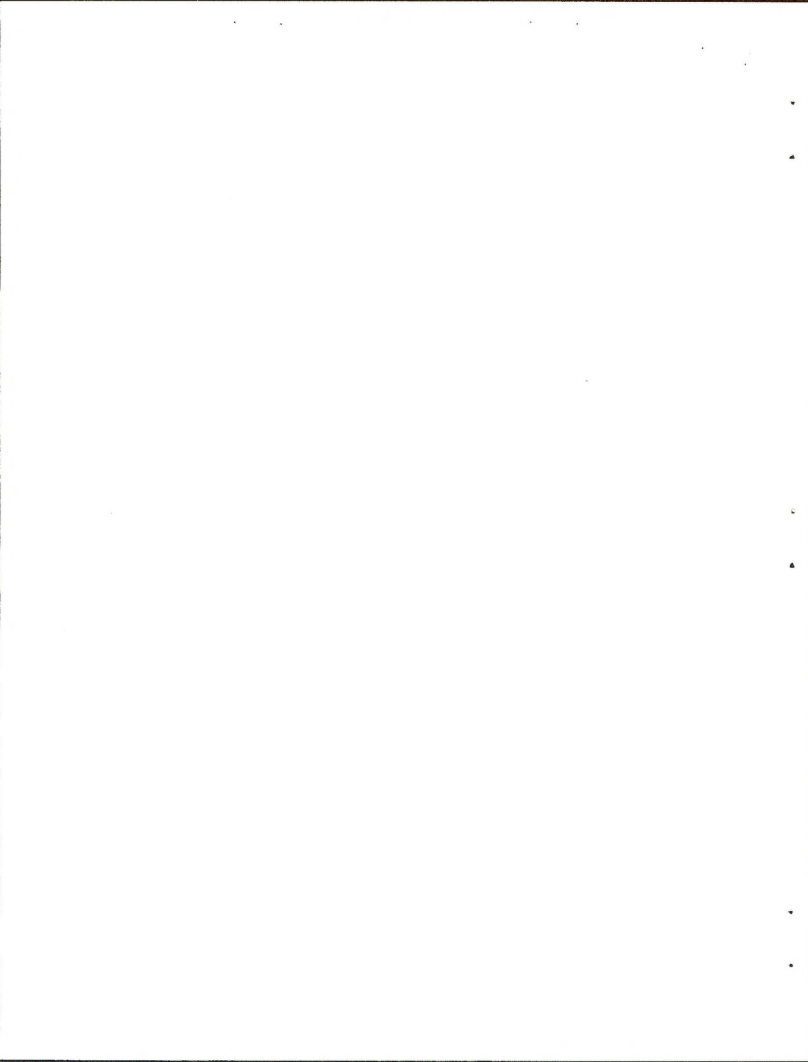
VII. COORDINATION WITH OTHER BLM PROGRAMS, AGENCIES, AND ORGANIZATIONS

It is expected that in most cases planned projects represent specific actions identified in completed Aquatic Habitat Management Plans (AHMP). In these instances coordination with other BLM programs, agencies and/or organizations has occurred and an Environmental Assessment Report has been prepared. A checklist for preparation and review of Habitat Management Plans (BLM Form 6780-1) would be completed and included in the AHMP along with a public review of the AHMP. In such cases further coordination would not be necessary. However, where proposed projects are not part of a completed AHMP the proper coordination would be necessary. In these cases the checklist for preparation and review of HMPs (Form 6780-1) or a similar document shall be used to assure review and concurrence by other program specialists. In addition, counties, State agencies (other than CDFG), and/or private organizations with interests in the project areas shall be notified of proposed projects and concurrence sought.



APPENDIX

HABITAT MANAGEMENT PLAN
PROGRESS REPORT



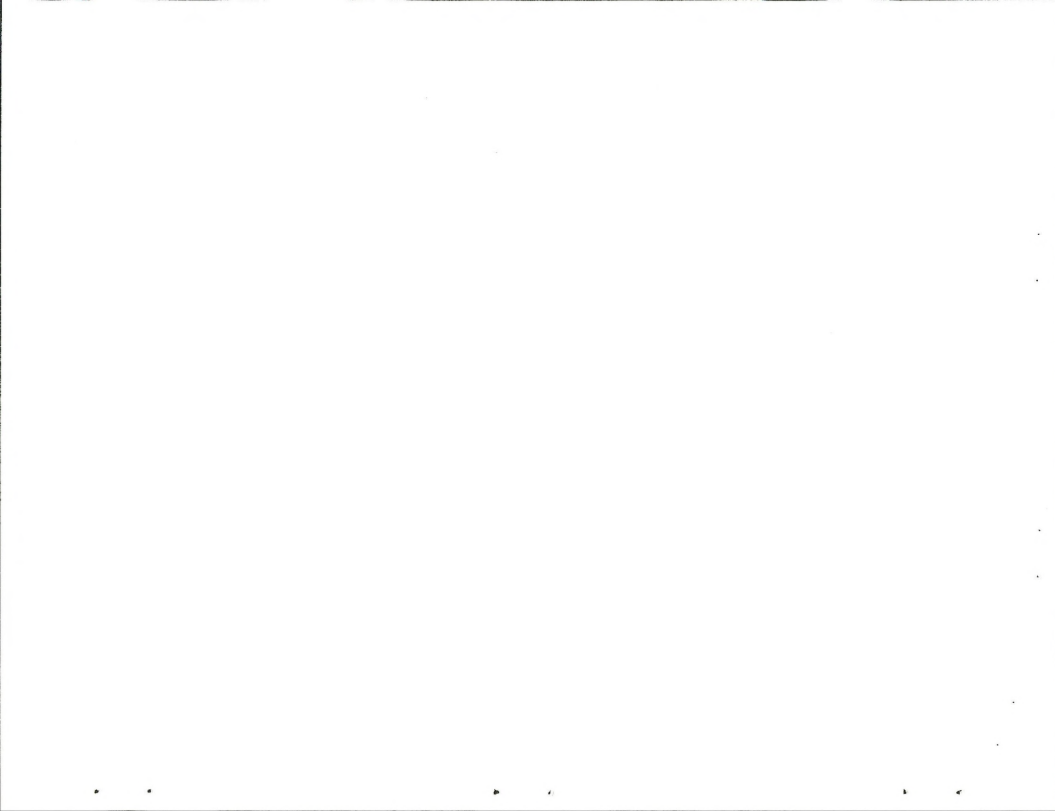
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HABITAT MANAGEMENT PLAN PROGRESS REPORT

OBJECTIVES	DATE COMPLETED	PLANNED ACTIONS	DATE COMPLETED	EVALUATION/MONITORING	DATE COMPLETED
1. Establish a system to utilize cooperative funds of the CDFG and BLM to implement fisheries habitat improvement and/or maintenance projects on public lands. 2. Between BLM and CDFG jointly develop a list of priority projects for fisheries habitat management on public lands.		1. Complete a cooperative Statewide fisheries habitat management program between the BLM and CDFG. 2. Within the cooperative fisheries habitat management program develop a list of priority projects for implementation as funding becomes available.		1. State Office Biologist to prepare and coordinate with BLM District and CDFG State and Regional Offices. 2. BLM District Biologists develop project proposals in cooperation with CDFG Regional Biologists and submit to BLM State Office. BLM State Office Biologist to consolidate and coordinate review with CDFG State Office Biologist for consistency with Statewide program goals and include in five-year program.	

INSTRUCTIONS

1. List specific HMP objectives as developed from RMP/MFP planning documents or as otherwise approved.
2. List specific planned actions to be initiated to meet each specific objective.
3. List scheduled evaluation/monitoring study(s) planned to evaluate accomplishments.
4. Enter completion date for each objective, action, or evaluation/monitoring study as accomplished.



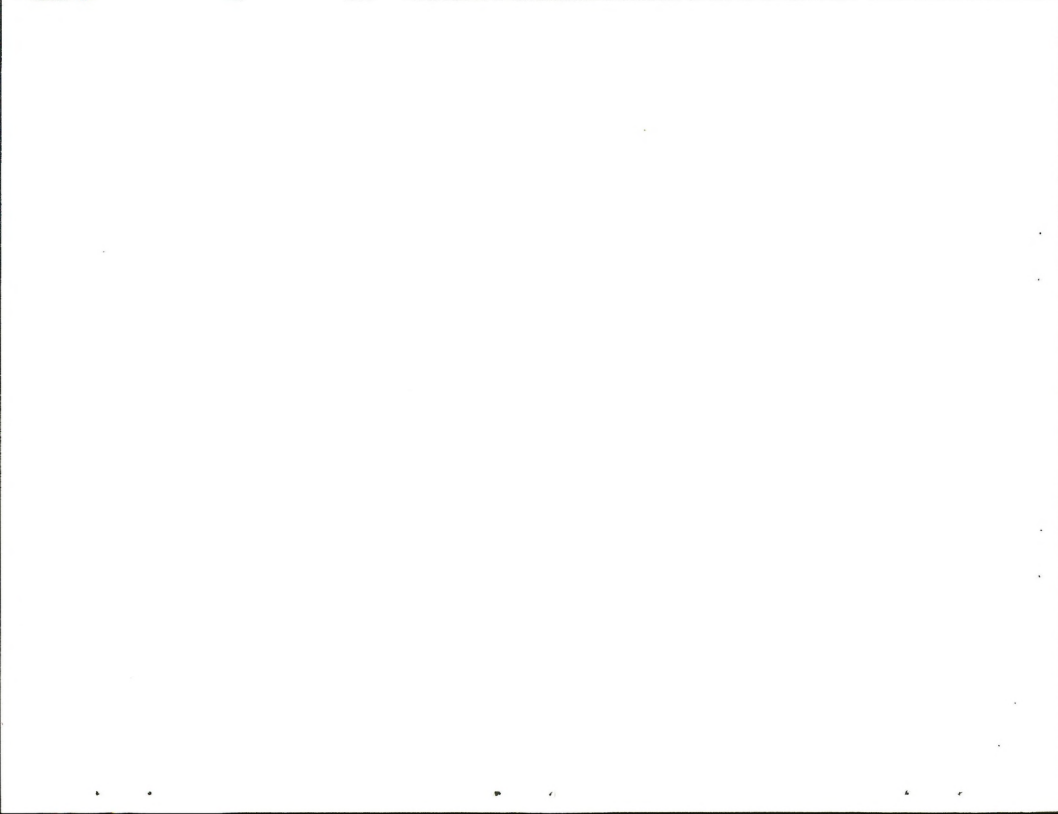
UNITED STATES
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BUREAU OF LAND MANAGEMENT

HABITAT MANAGEMENT PLAN PROGRESS REPORT

OBJECTIVES	DATE COMPLETED	PLANNED ACTIONS	DATE COMPLETED	EVALUATION/MONITORING	DATE COMPLETED
3. BLM and CDFG to jointly develop Annual Work Plans for implementing the use of cooperative funding.		3. Conduct annual program coordination meetings to review program accomplishments and establish statewide fishery priorities for subsequent Annual Work Plans.		3. Annual coordination meeting to be held during first quarter of each year.	
4. Improve 45 miles of salmon and steelhead habitat and 30 miles of resident trout habitat.		4. Complete implementation of 4 Sikes Act AHMPs and other priority fisheries habitat improvement through completion of 25 jointly selected improvement projects.		4. Designated BLM District and/or CDFG Regional Biologists to supervise project implementation.	
5. Bring 15 miles of desert fish habitat, 35 miles of salmon and steelhead habitat, and 20 miles of resident trout habitat under cooperative management.		5. Develop Sikes Act AHMPs on two (2) desert fish habitats, on seven (7) salmon and steelhead streams, and two (2) resident trout streams.		5. Designated BLM District Biologists to prepare cooperative AHMPs	

INSTRUCTIONS

1. List specific HMP objectives as developed from RMP/MFP planning documents or as otherwise approved.
2. List specific planned actions to be initiated to meet each specific objective.
3. List scheduled evaluation/monitoring study(s) planned to evaluate accomplishments.
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HABITAT MANAGEMENT PLAN PROGRESS REPORT

OBJECTIVES	DATE COMPLETED	PLANNED ACTIONS	DATE COMPLETED	EVALUATION/MONITORING	DATE COMPLETED
6. Improve capability for habitat protection through improved quality and availability of fishery resource data.		6a. Develop an automated fisheries habitat management information system. b. Develop a set of fishery habitat criteria specific to small hydro development, oil and gas development, range and timber management.		6a. BLM and CDFG State Office Biologists to develop system. BLM to have the lead. b. BLM and CDFG State Office Biologists to develop criteria with field review by BLM District.	

INSTRUCTIONS

1. List specific HMP objectives as developed from RMP/MFP planning documents or as otherwise approved.
2. List specific planned actions to be initiated to meet each specific objective.
3. List scheduled evaluation/monitoring study(s) planned to evaluate accomplishments.
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